Total Hour

Intersection Delay Study - Field Sheet

Request No.: 0
Job No.: 302-385.00
Path: L:\TRAFFIC\302385\11\

Location: DE 52 @ Snuff Mill Road
Date: 5/12/2005
Direction: EB
Weather: warm and clear
Recorder: SSG
Start Time: 7:15
(Military)

Location Characteristics:

Number Of Lanes : 1
Number Of Pedestrians: 0
Traffic Control Devices : SS
Type of Delay (Fixed/ Operational): 0
Time Interval (hh:mm): 0:15

Turning Lanes 0
Parking No
Transit Stop (Y/N) No

No	Begin	End	Total Number of Vehicles Stopped In Approach At Time: 0 SEC+	15 SEC +	30 SEC+	45 SEC+	Approach Volume: Number Stopped	Number not Stopped
1	7:15	7:30	15	13	16	14	16	2
2	7:30	7:45	8	8	4	6	8	2
3	7:45	8:00	23	20	18	16	18	7
4	8:00	8:15	1	4	4	4	8	17
5	8:15	8:30						
6	8:30	8:45						
7	8:45	9:00						
8	9:00	9:15						
9	9:15	9:30						
10	9:30	9:45						
11	9:45	10:00						
12	10:00	10:15						
13	10:15	10:30						
14	10:30	10:45						
15	10:45	11:00						
SUBTOTAL			47	45	42	40	50	28
TOTAL			174				78	

Total Delay = Total Number Stopped X Sampling Interval
= 174 X 15 = 2610 Veh-Sec/ 3600 = 0.73 Veh - Hr

Average Delay Per Stopped Vehicle = Total Delay / Number of Stopped Vehicles
= 2610 / 50 = 52.2 Sec

Average Delay Per Approach Vehicle = Total Delay / Approach Volume
= 2610 / 78 = 33.5 Sec

Percent of Vehicles Stopped = Number of Stopped Vehicles / Approach Volume
= 50 / 78 = 0.6

Total Hour

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